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SINGLE FAMILY REPAIR APPLICATION CHECKLIST

Architect's/Engineer's registration stamp must appear on plans and calculations if prepared by such professionals.

❑ **Plans**

1. Site Plan: An overall site plan (at a scale of 10 feet equals 1 inch) showing the proposed structure in plan view indicating:

- ❑ a) **All property lines, easements (utilities, access, etc.), and site dimensions** including bearings and distances. Make a clear distinction between proposed and existing features. Show the distances between buildings and from buildings to all property lines.
- ❑ b) **All streets and alleys, with street names**. Note the nearest cross street. Show all existing and/or proposed driveways including surface materials.
- ❑ c) **The use of each building** (garage, residence, ADU, shop, etc.).

2. Other Plans Drawings Of The Residence (As Applicable) (1/4 inch or 1/8 inch scale) showing:

- ❑ a) **Floor Plan:** Floor plan of each floor and basement indicating:
  - ❑ 1) Location of all wall and partitions, door sizes, and window sizes
  - ❑ 2) Location of all permanently installed equipment such as plumbing fixtures, water heaters, furnaces, appliances, and wood stoves
  - ❑ 3) Direction, size, and spacing of all floor and ceiling framing members
- ❑ b) **Elevation Plans:** Elevations of all sides of the building indicating: a) where the average building elevation strikes the residence, b) finished grade, c) existing grade, d) elevation of highest point of roof, e) finished floor elevation of the main floor. (See elevation example below.)
- ❑ c) **Cross-Section Plans:** One cross section through exterior wall showing all details of construction from footing to highest point of roof (see typical cross section example). Submit a cross section of attic area utilizing trusses.
- ❑ d) **Foundation Plans:** Foundation plans indicating a) underfloor ventilation, b) access in framing, c) full dimensions of footings and walls, d) foundation steel (number and size of reinforcement);
- ❑ e) **Truss Layout Diagram:** Truss Layout diagram indicating a) the location of trusses and b) manufacturer being used;
- ❑ f) **Details:** Details indicating a) stairways, b) guardrails around balconies, etc., c) cantilevered beams, floor, or ceiling joists; submit calculations for cantilever situations.

❑ **Structural Engineering Calculations (If Applicable)** - If the structure does not meet the conventional light frame construction provisions contained in The International Residential Code Section R301, then the structure must have a lateral-force-resisting designed by a Washington State Registered Structural Engineer. Structural engineering calculations must be submitted and all necessary design details must be incorporated into the plans. The Engineered plans and/or calculations must be signed by the Engineer.

❑ **Washington State Energy Code Compliance Forms (If Applicable)**
Forms at: http://www.energy.wsu.edu/BuildingEfficiency/EnergyCode